

Rec'd PCT/PTO 01 OCT 2002

#4

PTO/SB/17 (11-01)

Approved for use through 10/31/2002 OMB 0651-0032  
U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number



<b>FEE TRANSMITTAL</b> <b>for FY 2002</b> <small>Patent fees are subject to annual revision.</small>		<b>Complete if Known</b>																																																																																																																																																																																																																														
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27		Application Number	10/089895																																																																																																																																																																																																																													
<b>TOTAL AMOUNT OF PAYMENT</b> (\$) <b>530.00</b>		Filing Date	April 5, 2002																																																																																																																																																																																																																													
<b>METHOD OF PAYMENT</b> (check all that apply)		First Named Inventor	Archibald Lovatt																																																																																																																																																																																																																													
<input type="checkbox"/> Check <input type="checkbox"/> Credit Card <input type="checkbox"/> Money Order <input type="checkbox"/> Other <input type="checkbox"/> None		Examiner Name	Not Yet Assigned																																																																																																																																																																																																																													
<input checked="" type="checkbox"/> Deposit Account		Group Art Unit	N/A																																																																																																																																																																																																																													
Deposit Account Number: <span style="border: 1px solid black; padding: 2px 20px;">18-1945</span>		Attorney Docket No.	CKFW-P01-003																																																																																																																																																																																																																													
Deposit Account Name: <span style="border: 1px solid black; padding: 2px 20px;">Ropes &amp; Gray</span>																																																																																																																																																																																																																																
The Commissioner is hereby authorized to: (check all that apply)																																																																																																																																																																																																																																
<input checked="" type="checkbox"/> Charge fee(s) indicated below <input checked="" type="checkbox"/> Credit any overpayments																																																																																																																																																																																																																																
<input checked="" type="checkbox"/> Charge any additional fee(s) during the pendency of this application																																																																																																																																																																																																																																
<input type="checkbox"/> Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.																																																																																																																																																																																																																																
FEE CALCULATION		FEE CALCULATION (continued)																																																																																																																																																																																																																														
<b>1. BASIC FILING FEE</b>		<b>3. ADDITIONAL FEES</b>																																																																																																																																																																																																																														
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>Large Entity</th> <th>Small Entity</th> <th>Fee Code</th> <th>Fee (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr><td></td><td></td><td>101</td><td>740</td><td>Utility filing fee</td><td></td></tr> <tr><td></td><td></td><td>106</td><td>330</td><td>Design filing fee</td><td></td></tr> <tr><td></td><td></td><td>107</td><td>510</td><td>Plant filing fee</td><td></td></tr> <tr><td></td><td></td><td>108</td><td>740</td><td>Reissue filing fee</td><td></td></tr> <tr><td></td><td></td><td>114</td><td>160</td><td>Provisional filing fee</td><td></td></tr> <tr> <td colspan="4" style="text-align: right;"><b>SUBTOTAL (1)</b></td> <td>(\$)</td> <td>0.00</td> </tr> </tbody> </table>	Large Entity	Small Entity	Fee Code	Fee (\$)	Fee Description	Fee Paid			101	740	Utility filing fee				106	330	Design filing fee				107	510	Plant filing fee				108	740	Reissue filing fee				114	160	Provisional filing fee		<b>SUBTOTAL (1)</b>				(\$)	0.00	<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>Large Entity</th> <th>Small Entity</th> <th>Fee Code</th> <th>Fee (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr><td></td><td></td><td>105</td><td>130</td><td>Surcharge - late filing fee or oath</td><td>130.00</td></tr> <tr><td></td><td></td><td>127</td><td>50</td><td>Surcharge - late provisional filing fee or cover sheet</td><td></td></tr> <tr><td></td><td></td><td>139</td><td>130</td><td>Non-English specification</td><td></td></tr> <tr><td></td><td></td><td>147</td><td>2,520</td><td>For filing a request for ex parte reexamination</td><td></td></tr> <tr><td></td><td></td><td>112</td><td>920*</td><td>Requesting publication of SIR prior to Examiner action</td><td></td></tr> <tr><td></td><td></td><td>113</td><td>1,840*</td><td>Requesting publication of SIR after Examiner action</td><td></td></tr> <tr><td></td><td></td><td>115</td><td>110</td><td>Extension for reply within first month</td><td></td></tr> <tr><td></td><td></td><td>116</td><td>400</td><td>Extension for reply within second month</td><td>400.00</td></tr> <tr><td></td><td></td><td>117</td><td>920</td><td>Extension for reply within third month</td><td></td></tr> <tr><td></td><td></td><td>118</td><td>1,440</td><td>Extension for reply within fourth month</td><td></td></tr> <tr><td></td><td></td><td>128</td><td>1,960</td><td>Extension for reply within fifth month</td><td></td></tr> <tr><td></td><td></td><td>119</td><td>320</td><td>Notice of Appeal</td><td></td></tr> <tr><td></td><td></td><td>120</td><td>320</td><td>Filing a brief in support of an appeal</td><td></td></tr> <tr><td></td><td></td><td>121</td><td>280</td><td>Request for oral hearing</td><td></td></tr> <tr><td></td><td></td><td>138</td><td>1,510</td><td>Petition to institute a public use proceeding</td><td></td></tr> <tr><td></td><td></td><td>140</td><td>110</td><td>Petition to revive - unavoidable</td><td></td></tr> <tr><td></td><td></td><td>141</td><td>1,280</td><td>Petition to revive - unintentional</td><td></td></tr> <tr><td></td><td></td><td>142</td><td>1,280</td><td>Utility issue fee (or reissue)</td><td></td></tr> <tr><td></td><td></td><td>143</td><td>460</td><td>Design issue fee</td><td></td></tr> <tr><td></td><td></td><td>144</td><td>620</td><td>Plant issue fee</td><td></td></tr> <tr><td></td><td></td><td>122</td><td>130</td><td>Petitions to the Commissioner</td><td></td></tr> <tr><td></td><td></td><td>123</td><td>50</td><td>Processing fee under 37 CFR 1.17(q)</td><td></td></tr> <tr><td></td><td></td><td>126</td><td>180</td><td>Submission of Information Disclosure Stmt</td><td></td></tr> <tr><td></td><td></td><td>581</td><td>40</td><td>Recording each patent assignment per property (times number of properties)</td><td></td></tr> <tr><td></td><td></td><td>146</td><td>740</td><td>Filing a submission after final rejection (37 CFR 1.129(a))</td><td></td></tr> <tr><td></td><td></td><td>149</td><td>740</td><td>For each additional invention to be examined (37CFR 1.129(b))</td><td></td></tr> <tr><td></td><td></td><td>179</td><td>740</td><td>Request for Continued Examination (RCE)</td><td></td></tr> <tr><td></td><td></td><td>169</td><td>900</td><td>Request for expedited examination of a design application</td><td></td></tr> <tr> <td colspan="4" style="text-align: right;"><b>SUBTOTAL (3)</b></td> <td>(\$)</td> <td>530.00</td> </tr> </tbody> </table>		Large Entity	Small Entity	Fee Code	Fee (\$)	Fee Description	Fee Paid			105	130	Surcharge - late filing fee or oath	130.00			127	50	Surcharge - late provisional filing fee or cover sheet				139	130	Non-English specification				147	2,520	For filing a request for ex parte reexamination				112	920*	Requesting publication of SIR prior to Examiner action				113	1,840*	Requesting publication of SIR after Examiner action				115	110	Extension for reply within first month				116	400	Extension for reply within second month	400.00			117	920	Extension for reply within third month				118	1,440	Extension for reply within fourth month				128	1,960	Extension for reply within fifth month				119	320	Notice of Appeal				120	320	Filing a brief in support of an appeal				121	280	Request for oral hearing				138	1,510	Petition to institute a public use proceeding				140	110	Petition to revive - unavoidable				141	1,280	Petition to revive - unintentional				142	1,280	Utility issue fee (or reissue)				143	460	Design issue fee				144	620	Plant issue fee				122	130	Petitions to the Commissioner				123	50	Processing fee under 37 CFR 1.17(q)				126	180	Submission of Information Disclosure Stmt				581	40	Recording each patent assignment per property (times number of properties)				146	740	Filing a submission after final rejection (37 CFR 1.129(a))				149	740	For each additional invention to be examined (37CFR 1.129(b))				179	740	Request for Continued Examination (RCE)				169	900	Request for expedited examination of a design application		<b>SUBTOTAL (3)</b>				(\$)	530.00
Large Entity	Small Entity	Fee Code	Fee (\$)	Fee Description	Fee Paid																																																																																																																																																																																																																											
		101	740	Utility filing fee																																																																																																																																																																																																																												
		106	330	Design filing fee																																																																																																																																																																																																																												
		107	510	Plant filing fee																																																																																																																																																																																																																												
		108	740	Reissue filing fee																																																																																																																																																																																																																												
		114	160	Provisional filing fee																																																																																																																																																																																																																												
<b>SUBTOTAL (1)</b>				(\$)	0.00																																																																																																																																																																																																																											
Large Entity	Small Entity	Fee Code	Fee (\$)	Fee Description	Fee Paid																																																																																																																																																																																																																											
		105	130	Surcharge - late filing fee or oath	130.00																																																																																																																																																																																																																											
		127	50	Surcharge - late provisional filing fee or cover sheet																																																																																																																																																																																																																												
		139	130	Non-English specification																																																																																																																																																																																																																												
		147	2,520	For filing a request for ex parte reexamination																																																																																																																																																																																																																												
		112	920*	Requesting publication of SIR prior to Examiner action																																																																																																																																																																																																																												
		113	1,840*	Requesting publication of SIR after Examiner action																																																																																																																																																																																																																												
		115	110	Extension for reply within first month																																																																																																																																																																																																																												
		116	400	Extension for reply within second month	400.00																																																																																																																																																																																																																											
		117	920	Extension for reply within third month																																																																																																																																																																																																																												
		118	1,440	Extension for reply within fourth month																																																																																																																																																																																																																												
		128	1,960	Extension for reply within fifth month																																																																																																																																																																																																																												
		119	320	Notice of Appeal																																																																																																																																																																																																																												
		120	320	Filing a brief in support of an appeal																																																																																																																																																																																																																												
		121	280	Request for oral hearing																																																																																																																																																																																																																												
		138	1,510	Petition to institute a public use proceeding																																																																																																																																																																																																																												
		140	110	Petition to revive - unavoidable																																																																																																																																																																																																																												
		141	1,280	Petition to revive - unintentional																																																																																																																																																																																																																												
		142	1,280	Utility issue fee (or reissue)																																																																																																																																																																																																																												
		143	460	Design issue fee																																																																																																																																																																																																																												
		144	620	Plant issue fee																																																																																																																																																																																																																												
		122	130	Petitions to the Commissioner																																																																																																																																																																																																																												
		123	50	Processing fee under 37 CFR 1.17(q)																																																																																																																																																																																																																												
		126	180	Submission of Information Disclosure Stmt																																																																																																																																																																																																																												
		581	40	Recording each patent assignment per property (times number of properties)																																																																																																																																																																																																																												
		146	740	Filing a submission after final rejection (37 CFR 1.129(a))																																																																																																																																																																																																																												
		149	740	For each additional invention to be examined (37CFR 1.129(b))																																																																																																																																																																																																																												
		179	740	Request for Continued Examination (RCE)																																																																																																																																																																																																																												
		169	900	Request for expedited examination of a design application																																																																																																																																																																																																																												
<b>SUBTOTAL (3)</b>				(\$)	530.00																																																																																																																																																																																																																											
<b>2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE</b>		Other fee (specify): _____																																																																																																																																																																																																																														
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>Large Entity</th> <th>Small Entity</th> <th>Fee Code</th> <th>Fee (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr><td></td><td></td><td>103</td><td>18</td><td>Claims in excess of 20</td><td></td></tr> <tr><td></td><td></td><td>102</td><td>84</td><td>Independent claims in excess of 3</td><td></td></tr> <tr><td></td><td></td><td>104</td><td>280</td><td>Multiple dependent claim, if not paid</td><td></td></tr> <tr><td></td><td></td><td>109</td><td>84</td><td>** Reissue independent claims over original patent</td><td></td></tr> <tr><td></td><td></td><td>110</td><td>18</td><td>** Reissue claims in excess of 20 and over original patent</td><td></td></tr> <tr> <td colspan="4" style="text-align: right;"><b>SUBTOTAL (2)</b></td> <td>(\$)</td> <td>0.00</td> </tr> </tbody> </table>		Large Entity	Small Entity	Fee Code	Fee (\$)	Fee Description	Fee Paid			103	18	Claims in excess of 20				102	84	Independent claims in excess of 3				104	280	Multiple dependent claim, if not paid				109	84	** Reissue independent claims over original patent				110	18	** Reissue claims in excess of 20 and over original patent		<b>SUBTOTAL (2)</b>				(\$)	0.00	*Reduced by Basic Filing Fee Paid																																																																																																																																																																																				
Large Entity	Small Entity	Fee Code	Fee (\$)	Fee Description	Fee Paid																																																																																																																																																																																																																											
		103	18	Claims in excess of 20																																																																																																																																																																																																																												
		102	84	Independent claims in excess of 3																																																																																																																																																																																																																												
		104	280	Multiple dependent claim, if not paid																																																																																																																																																																																																																												
		109	84	** Reissue independent claims over original patent																																																																																																																																																																																																																												
		110	18	** Reissue claims in excess of 20 and over original patent																																																																																																																																																																																																																												
<b>SUBTOTAL (2)</b>				(\$)	0.00																																																																																																																																																																																																																											
**or number previously paid, if greater; For Reissues, see above		<b>SUBTOTAL (3)</b> (\$) <b>530.00</b>																																																																																																																																																																																																																														

SUBMITTED BY		Complete (if applicable)	
Name (Print/Type)	David P. Halstead, Ph.D.	Registration No. (Attorney/Agent)	44,735
Signature		Telephone	(617) 951-7615
		Date	September 27, 2002

I hereby certify that this correspondence is being deposited with the U.S. Postal Service with sufficient postage as First Class Mail, in an envelope addressed to: Commissioner for Patents, Washington, DC 20231, on the date shown below.	
Dated: 9/27/02	Signature:  (Nicole Mckinnon)



I hereby certify that this correspondence is being deposited with the  
Postal Service with sufficient postage as First Class Mail, in an envelope  
addressed to: BOX MISSING PARTS, Commissioner for Patents,  
Washington, DC 20231, on the date shown below.

Dated 9/27/02 Signature: Nicole M. McKinnon  
(Nicole M. McKinnon)

Rec'd PCT/PTO 07 OCT 2002

#4

Docket No.: CKFW-P01-003  
(PATENT)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of Lovatt *et al.*

Application No.: 10/089,895

Group Art Unit: N/A

Filed: April 5, 2002

Examiner: Not Yet Assigned

For: REVERSE TRANSCRIPTASE ASSAY

**RESPONSE TO NOTICE TO FILE MISSING PARTS OF APPLICATION**

BOX MISSING PARTS  
Commissioner for Patents  
Washington, DC 20231

Dear Sir:

In response to the Notice to File Missing Parts of Application mailed June 4, 2002,  
Applicant respectfully submits an executed Combined Declaration and Power of Attorney.

Please charge our Deposit Account No. 18-1945 in the amount of \$130.00 covering the  
fee set forth in 37 CFR 1.16(e). The Commissioner is hereby authorized to charge any  
deficiency in the fees filed, asserted to be filed or which should have been filed herewith (or with  
any paper hereafter filed in this application by this firm) to our Deposit Account No. 18-1945,  
under Order No. CKFW-P01-003. A duplicate copy of this paper is enclosed.

Dated: September 27, 2002

Respectfully submitted,

By: David P. Halstead

David P. Halstead

Registration No.: 44,735

ROPES & GRAY

One International Place

Boston, Massachusetts 02110-2624

(617) 951-7000

(617) 951-7050 (Fax)

Attorney for Applicant

10/10/2002 LLANDGRA 00000037 181945 10089895

02 FC:154 130.00 CH

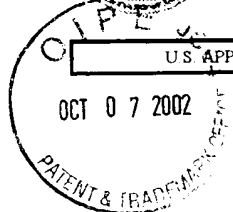
CKFW P01-003

Ropes & Gray of 2  
Intellectual Property Dept.

JUN 10 2002



UNITED STATES PATENT AND TRADEMARK OFFICE

Commissioner for Patents, Box PCT  
United States Patent and Trademark Office  
Washington, D.C. 20231  
www.uspto.gov

U.S. APPLICATION NUMBER NO. 10/089,895	FIRST NAMED APPLICANT Archibald Lovatt	ATTY. DOCKET NO. CKFW-P01-003
INTERNATIONAL APPLICATION NO. PCT/GB00/03880		
LA. FILING DATE 10/09/2000	PRIORITY DATE 10/09/1999	

Ropes & Gray  
One International Place  
Boston, MA 02110

**COPY**CONFIRMATION NO. 1358  
371 FORMALITIES LETTER

\*OC00000008213279\*

Date Mailed: 06/04/2002

**NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)**

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as an Elected Office (37 CFR 1.495):

- U.S. Basic National Fees
- Priority Document
- Copy of IPE Report
- Copy of references cited in ISR
- Copy of the International Application
- Copy of the International Search Report
- Oath or Declaration
- Preliminary Amendments

**R&G**Docket No.: CKFW-P01-003Action: OA-MPStat. Deadline: 4 Aug 02/4-6003

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date. The current oath or declaration does not comply with 37 CFR 1.497(a) and (b) in that it:
  - is not executed in accordance with either 37 CFR 1.66 or 37 CFR 1.68.
- \$130 Surcharge for providing the oath or declaration later than the appropriate 30 months months from the priority date (37 CFR 1.492(e)) is required.

**ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTH FROM THE DATE OF THIS NOTICE OR BY 22 or 32 MONTHS (where 37 CFR 1.495 applies) FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.**

The time period set above may be extended by filing a petition and fee for extension of time under the provisions

of 37 CFR 1.136(a).

SUMMARY OF FEES DUE:

Total additional fees required for this application is **\$130** for a Large Entity:

- **\$130** Late oath or declaration Surcharge.

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

*A copy of this notice **MUST** be returned with the response.*

VONDA M WALLACE

Telephone: (703) 305-3736

PART 1 - ATTORNEY/APPLICANT COPY

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
10/089,895	PCT/GB00/03880	CKFW-P01-003

FORM PCT/DO/EO/905 (371 Formalities Notice)